

an inner tube positioned in said housing coaxially to said longitudinal axis, said inner tube spaced at an distance from an inner wall of said housing, said inner tube having a first end connected in liquid-tight relationship to said first connecting piece, said inner tube having a second end connected in liquid-tight relationship to said second connecting piece, said inner tube suitable for allowing a flow of the water to be treated to pass therethrough, said ring magnets and said spacer discs being installed in a liquid-free space between said inner tube and said inner wall of said housing, said ring magnets and said spacer discs alternating in location along said longitudinal axis, said tubular housing being of a non-magnetizable material, said inner tube being of a magnetizable rustproof material, said first and second connecting pieces each being tubular and of a magnetizable rustproof material, said first and second connecting pieces extending from said ends of said inner tube so as to form a single piece therewith, at least one of said ring magnets being identical to each other, one of said ring magnets being positioned after one of said spacer discs at said first end of said inner tube such that a south pole of said ring magnet faces said first end, said first end being a water inlet, each of the other of said ring magnets being positioned after pairs of said spacer discs, said ring magnets comprising three ring magnets arranged with a polarity inverted sequentially between one another, said ring magnets further comprising at least two twinned magnets having polarities inverted with respect to an adjacent ring magnet of said three ring magnets and with respect to each other, each magnet of said twinned magnets contacting each other with opposite poles such that a south pole faces said second end of said inner tube, said spacer discs comprising an end spacer disc which is thicker than the other of said spacer discs, said end spacer disc positioned against the south pole of said twinned magnets adjacent said second end of said inner tube, said ring magnets and said spacer discs being tightly enclosed in immovable relation within said housing by a pair of sleeves screwed

respectively on said first and second connecting pieces, said inner tube having a strip therein formed of a magnetizable rustproof metal having a width corresponding to an inner diameter of said inner tube, said strip being wound into a helix having one to three turns, said strip having end sections extending respectively into said first and second connecting pieces, said end sections being of non-helix form and diametrically opposed to each other.

13. (new) The device of Claim 12, said housing being of an aluminum or aluminum alloy material, said inner tube and said first and second connecting pieces and said pair of end sleeves being of a stainless steel material.

14. (new) The device of Claim 12, each of said three ring magnets having an axial thickness of 9 millimeters, each of said spacer discs having an axial thickness of 3 millimeters, said end spacer disc having an axial thickness of 6 millimeters.

15. (new) The device of Claim 12, said inner tube having a diameter of 0.5 inch and a length of 100 millimeters, said strip being of a stainless steel material having a thickness of 0.5 millimeters and between one and two helix windings within said inner tube.

16. (new) The device of Claim 12, further comprising:

a first elastic sealing ring surrounding said inner tube and positioned between one of said spacer discs and one of said pair of sleeves; and

a second elastic sealing ring surrounding said inner tube and positioned between another said spacer discs and another of said pair of sleeves.

17. (new) The device of Claim 12, said strip being smooth.

18. (new) The device of Claim 12, said strip having projection thereon suitable for causing turbulence in the water passing through said inner tube.

19. (new) The device of Claim 12, said end section of said strip at said water inlet extending outwardly from said first connecting piece so as to terminate in a tip with rounded straight edges.

20. (new) The device of Claim 12, said end section of said strip at said water inlet extending outwardly from said first connecting piece so as to terminate in a rounded tip with a rounded round edge.

21. (new) The device of Claim 19, said tip having a coating of polymeric material.

22. (new) The device of Claim 20, said tip having a coating of polymeric material.

23. (new) The device of Claim 12, said second connecting piece being positioned at said outlet end of said inner tube, said second connecting piece having an insert thereon so as to reduce a flow section of said inner tube.

24. (new) The device of Claim 12, each of said first and second connecting pieces having an outer surface having a threading thereon suitable for connection to another tube.

25. (new) The device of Claim 12, each of said first and second connecting pieces having smooth undulations thereon suitable for connection to another tube.

Amendment A: DRAWING AMENDMENTS

In FIG. 1, please add reference numerals “3”, “3a”, “3b”, “4” and “4a”, as indicated in red ink on the attached drawing sheet.